Military Engineering Data Asset Locator System (MEDALS) Data Quality

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09/10/16

The Defense Procurement Reform A of 1984 Public Law 98-525, Section 1

ndated procedures for developing, to the maximum extent practic a centralized system to identify the repository within the Department of Defense (DoD) responsible for technical data relating to an item and the extent of data on file in the repository with respect to that item.

MEDALS

- **The DoDs Centralized Indexi Authority**
- **Getting the Customer to the Desired Repository Faster**
- **The MEDALS program suppo 50,000 queries per month**
- **Saves the Repositories Time, and Resources**

MEDALS

Indexing A Family of Systems

JEDMICS
CENTRA
ACMS
DBASE
ATIS

MEDALS CURRENTLY INDEXES OVER 42 MILLION ASSETS

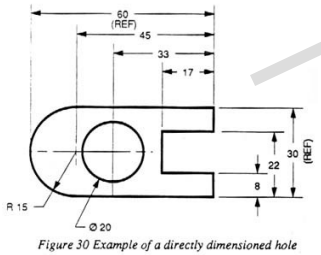
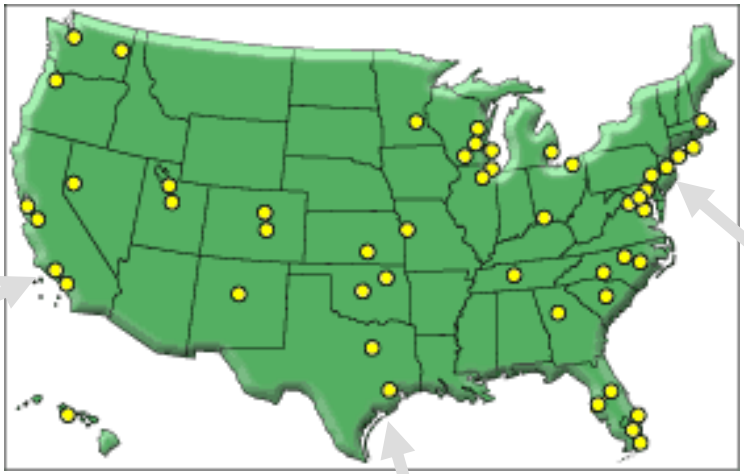
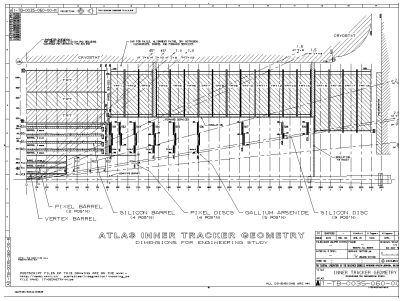
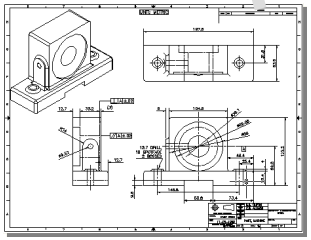


Figure 30 Example of a directly dimensioned hole







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Participating Repositories

Boeing

Lockheed

DLA

DSC-Columbus
DSC-Richmond
DSC-Philadelphia
DLIS-NATO
DAPS, Newport, RI

Air Force

OO-ALC, Hill AFB, UT
OC-ALC, Tinker AFB, OK
WR-ALC, Warner Robins AFB, GA

Sikorsky

Honeywell

Army

AMCOM, Redstone Ars., Huntsville,
ARDEC, Picatinny Ars., Dover, NJ
TACOM, Warren, MI
Rock Island Ars., Rock Island, IL
CECOM, Ft. Monmouth, NJ
Edgewood Chemical and Biological Command

Marine Corps

MCLB, Albany, GA

General Dynamics

Sperry Univac

Raytheon

Litton

Participating Repositories

General Electric

Lucent

Navy

Boeing

Lockheed

NSY, Portsmouth, NH
NAVICP-M, Mechanicsburg, PA
NSWC, Crane, IN
NSWC, Indian Head, MD
NSWC, Dahlgren, VA
NSY Norfolk, Portsmouth, VA
NSY Puget Sound, Bremerton, WA
NUWC, Keyport, WA
NSY, Pearl Harbor, HI

NCSS, Panama City, FL
NATEC, San Diego, CA
NSY Puget Sound, Det Boston, MA
NUWC Newport, RI
SUPSHIP Bath Iron Work, Bath, MI
SUPSHIP Newport News, VA
NGSS, Pascagoula, MS
NSWC, Port Hueneme, CA
NSWC Indian Head, Det Earl, NJ
SPAWAR Charleston (Coming soon)

Northrop Grumman

Litton

General Dynamics

Eaton

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- Sponsored Contractors Registration Form
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- MEDALS Inquiry
- Program Management Office
- New DoD PKI Certificates
- NAVSEA Repository List By Class Ship & Weapons System
- Directory of DoD Engineering Data Repositories (Replaces MIL-HDBK-331)

MILITARY ENGINEERING DATA ASSET LOCATOR SYSTEM

YOUR GATEWAY TO TECHNICAL DATA INFORMATION

Managed by the Defense Logistics Information Service, the Military Engineering Data Asset Locator System (MEDALS) is an automated information system that serves as the central index of engineering data for the , maintain, and distribute t indexing data and asso technical data and m eractive on-line system tha de, links you to the WEB r y phone, mail, FAX, E-mail, or electronic order requests. A batch input feature is also available that permits users to submit high volume inquiries for drawing locations directly on-line or through other multi-media (e.g. CD-ROM, floppy disk, or diskette). Access to the MEDALS indexing data does not imply or grant access to the technical data indexed.

APPLYING FOR ACCESS IS QUICK AND EASY

Customer Service: 1-877-352-2255 or DSN 661-7766 Email: DLIS-Support@dlis.dla.mil

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This Site Reviewed Quarterly

Last Updated: Tuesday, February 24, 2004

Trusted sites

CONTRACTOR ACCESS

- Must have a DoD Sponsor
- Qualified U.S. Contractor is certified via the Military Critical Technical Data Agreement, DD Form 2345
- The contractor (CAGE) organization has been verified to be in good standing with the DoD
- A valid Registration for Scientific and Technical Information Services, DD Form 1540, is on file with the Defense Technical Information Center (DTIC)
- National Agency Check (NAC) or equivalent type of Investigation

CONTRACTOR ACCESS

- The MEDALS program manager reserves the right to withdraw services from any contractor individual or parent company for any misuse of the intended use of the MEDALS program
- Access to the MEDALS program does not imply or grant access to the technical data indexed
- MEDALS access when engaged in an active contract, project, or program where within its scope it states that a tool such as MEDALS is required or when a DoD Sponsor determines a need for services is required
- MEDALS access is not available to foreign nationals

CONTRACTORS ACCESSING MEDALS

ALPHIA DATA CORP

AMSEC LLC

APPLIED ORDINANCE TECHNOLOGIES

ARINC ENGINEERING SERVICE

BMT DESIGNERS AND PLANNERS

BOEING

CACI

CACI – ASG

CHEROKEE INFORMATION SERVICES

EG&G

ENVISIONEERING

GENERAL DYNAMICS

GRYPHON

IBM

INTEGRAFH

LOCKHEED MARTIN INFORMATION

MADISON RESEARCH CORP

ML TECHNOLOGIES

NGIT

PECKHAM

QUALITY PERFORMANCE INC

QUANTI TECH INC

REGENT SYSTEMS INC

SAIC

SCIENCE APPLICATION INTERNATIONAL CORP

SEMCOR INC

SOBRAN INC

SUPPORT SYSTEMS ASSOC. INC

TEAM KEYPORT SERVICES

UNIDYNE

WFI GOVERNMENT SERVICES INC

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Getting The Navy Researcher To The Right Repository

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Back Search Favorites Media
Address https://www.dlis.dla.mil/medals/pdfs/NAVSEA_PLANNING_YARD.pdf
Go
Bookmarks Signatures Layers Pages Comments

NAVSEA ENGINEERING DRAWING REPOSITORIES AND CORRESPONDING CATEGORIES OF DRAWING STORED

Commanding Officer
Naval Surface Warfare Center Crane (Code 802)
Crane, IN 47522-5001
Telephone: Commercial: (812) 854-4870 DSN: 482-4870
Combat System, Weapon System and Ordnance System drawings

Commander
Portsmouth Naval Shipyard (NAVSHIPYD PTSMH) (Code 202.2)
Portsmouth, NH 03804-5000
Telephone: Commercial: (207) 438-1000 Ext. 2445 DSN: 684-2445/1718
NAVSEA Standard and Type drawings (Hull, Mechanical and Electrical), SSN 637 Class submarine drawings, DSV/DSRV drawings, AGSS 555 drawings
Serves as a JEDMICS site

Commander
Puget Sound Naval Shipyard (NAVSHIPYD PUGET) (Code 203.3)
Bremerton, WA 98314-5000
Telephone: Commercial: (206) 476-2128 DSN: 439-2128
AE-26, AO-177, AOE-1, ARS-50, CV-63, CVN-65, MCM-1, MCS
drawings
Serves as a JEDMICS site

Director
NAVSHIPYD PUGET Detachment Boston (Code 284.7)
495 Summer Street
Boston, MA 02210-2144

LISTING OF PLANNING YARD REPOSITORIES BY CLASS SHIP AND WEAPONS SYSTEM

8.5 x 11 in
1 of 4
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start
2:28 PM

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Comprehensive Listing of repositories

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https://www.dlis.dla.mil/medals/pdfs/DoDrepositories.pdf - Microsoft Internet Explorer
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SERVICE REPOSITORIES

AIR FORCE

Address	Phone/E-Mail
Engineering Data Support Center OC-ALC/LGLDOS 3001 Staff Dr., Ste 1AC83A Tinker AFB OK 73145-3041 Repository Indexed in MEDALS URL to OC-ALC WEB Repository https://jedmics.tinker.af.mil	DSN 336-4422 COM (405) 736-4422 oc-alc.lgldo.cs@tinker.af.mil
Engineering Data Support Center OO-ALC/LGVPE 6032 Fir Ave., Bldg 1237 Hill AFB UT 84056-5820 Repository Indexed in MEDALS URL to OO-ALC WEB Repository https://jedmics.hill.af.mil	DSN 775-6078 COM (801) 775-6078 hill.jedmics@hill.af.mil
Engineering Data Support Center WR-ALC/LGEDB 480 Second Street, Suite 200 Robins AFB GA 31098-1640 Repository Indexed in MEDALS URL to WR-ALC WEB Repository https://jedmics.robins.af.mil	DSN 472-3008/3009 COM (478) 222-3008/3009 jedmics@robins.af.mil

8.5 x 11 in
5 of 19
Done
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Inquiries Based On Technical Drawing Information

- **Drawing Asset Identifier**
  - **Drawing Number**
  - **CAGE Code**
  - **Document Type**
  - **Revision Level**
- **Drawing Number/CAGE**
- **Drawing Number**
- **Part Number/CAGE**
- **Part Number**
- **NSN/NIIN**
- **Document Title**

MEDALS Inquiry List - Microsoft Internet Explorer provided by DLIS
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://www.dlis.dla.mil/medals/medals/Scripts/InquiryLogic.asp
Go

AIR FORCE HOLDING REVISION "N"

ARMY HOLDING REVISION "P"

MEDALS Pick List by Document Number

Document Number: 11838581

Click here to search by Part Number 11838581

Location	CAGE	Doc Type	Rev Lvl	Document Title	DRC	PCI
WR-ALC MANUAL RPTY	19204		J	Title Unavailable	U	
WR-ALC	19204		J	Title Unavailable	U	
TACOM-ARDEC	19204		K	Title Unavailable	U	
TACOM-ARDEC	19204		L	Title Unavailable	U	
TACOM-ARDEC	19204		M	Title Unavailable	U	
TACOM-ARDEC	19204		N	Title Unavailable		
WR-ALC	19204		N	Title Unavailable		
TACOM-ARDEC	19204		P	Title Unavailable		
TACOM-ARDEC	19204	SQ	A	Title Unavailable		
NAVICP-M	19204	1A	J	Title Unavailable		
RIA	19204		K	Title Unavailable		
			L	Title Unavailable		
			N	Title Unavailable		

NAVY HOLDING REVISION "J"

KNOWING WHERE ALL REVISIONS ARE LOCATED

Internet
Start Mess... Inbo... Micr... ME... 8:38 AM

MEDALS Repository Detail - Microsoft Internet Explorer provided by DLIS

File Edit View Favorites Tools Help

Back Favorites

Address https://www.dlis.dla.mil/medals/Scripts/RepositoryDetail.asp Go

URL TO REPOSITORY SIGN ON SCREENS

Repository Detail

Document Number	CAGE	Doc Type	Rev Lvl	DRC	PCI	Dist Stmt
0213-1-1074	57958		E	U		

Doc Title

Doc Size	Nbr of Sheets	Doc Nuc	Doc Sec	NOFORN	SUBSAFE	File Index Date
		N	N			1999032

Hyperlink to Repository: https://edm.monmouth.army.mil/cgi-bin/showDoc.exe?/bkLoginFVPV.html

File Type Information | Associated Weapon System Codes
List Associated NSNs | List Associated Part Numbers

Repository Information

Mailing Address: US ARMY
COMMUNICATIONS AND ELECTRONIC COMMAND
AMSEL-IM-T-CS-A
BLDG 1152 VAIL HALL
FT. MONMOUTH NJ

ONE CLICK AWAY FROM WEB REPOSITORY ACCESS

Trusted sites

Start Mes... AAA... AR... ME... 1:27 PM

https://edm.monmouth.army.mil/cgi-bin/showDoc.exe?/bkLoginFVPV.html - Microsoft Internet Explorer provided by DLIS
File Edit View Favorites Tools Help
Back Favorites
Address https://edm.monmouth.army.mil/cgi-bin/showDoc.exe?/bkLoginFVPV.html
Go
U.S. Army Communications-Electronics Command
Engineering Data Management Branch
Product Data Management 5.3.3
Find, View, Print & PS
Check In/Out
EDM Home
Free Viewers
Request a Password
User ID
Password
CENTRA 2000
Web Interface
CENTRA 2000
Web Interface
Login
Copyright 1996-2002 Centra 2000, Inc.
AND YOU'RE THERE
Trouble logging in? Forgot password?
E-Mail Jose.Troche@mail1.monmouth.army.mil
Do not include password information in the email!
We will never ask you what your password is.
Send WEB SITE Comments/Questions to Brian Kelly
(Brian.Kelly@mail1.monmouth.army.mil)
Done
Internet
Start
1:23 PM

MEDALS TO REPOSITORY WEB INTERFACES

CURRENTLY ACTIVE INTERFACES

- DSC-Columbus
- DSC-Philadelphia
- DSC-Richmond

- AMCOM, Redstone Ars, Huntsville, AL
- TACOM, Warren, MI
- Rock Island Ars., Rock Island, IL
- CECOM, Ft. Monmouth, NJ

- OO-ALC, Hill AFB, UT
- OC-ALC, Tinker AFB, OK
- WR-ALC, Warner Robins AFB, GA

- NAVICP-M, Mechanicsburg, PA
- NUWC, Keyport, WA
- NATEC, San Diego, CA
- NSWC, Port Hueneme, CA
- NGSS, Pascagoula, MS
- SUPSHIP, Bath, ME

FUTURE INTERFACES

- ARDEC, Picatinny Ars., Dover, N
- MCLB, Albany, GA
- NSWC, Crane, IN

MEDALS

- WHAT MEDALS IS "NOT"
  - A repository of digital images
    - Digital images/ technical data are the sole responsibility of the repository
  - A pass through or portal to bypass access and security protocols for digital images/technical data maintained by a repository
    - The repository is responsible for the access and permissions to their digital images/technical data
    - MEDALS will not violate Proprietary Data issues or intellectual Property issues
  - The owner of the data indexed
    - MEDALS is a steward of the repositories indexed data

MEDALS

WHAT THE MEDALS PROGRAM "IS"

- A tool for the repositories in assisting customers in locating digital images/technical data
  - Using MEDLAS first alleviates the necessity of the repository to field queries regarding the availability of digital images/technical data
  - A way to reduce infrastructure within a repository: saving time, money, & resources

- MEDALS is always available
  - DLIS staffs a 24/7 customer support center
  - MEDALS PMO available during business hours for customer support

MEDALS & EIA-859

- Where does MEDALS fit in with DM and EIA-859
  - Contemporary Data Management Model
    - MEDALS is available as a tool for customers to verify location prior to repository access. First step in the process of determining if a repository is maintaining specific data

MEDALS & EIA-859

- 4.0 Principle: Identify Data Products and Views so That Their Requirements and Attributes can be Controlled
  - "Data is of value to the enterprise when it can be located or accessed by users. Metadata, *or data about data*, is essential for data managers and others to identify, catalog, store, search for, locate, and retrieve data"
    - MEDALS is the fundamental nature of this concept

EIA-859 Table 4-1 Metadata Examples & MEDALS Tables

Attribute

- Author
- Classification
- Contract Identifier
- Date Modified
- Date Originated
- Document Number
- Document Owner
- Document Size
- Document Type
- Environmental Requirements
- File Format
- File Size
- File Type
- Enterprise Identifier
- Related Document ID
- Related Product ID
- Revision Identifier
- Rights
- Storage Medium

MEDALS Attributes

- Repository Location
- Repository Information
- Security Code
- Distribution statement
- File Index Date
- Document Number
- Document Size
- Number of Sheets
- Document Type
- Nuclear Hardness Critical Items/Processes (HCI) or (HCP)
- Yes/No field indicating distribution authorization to Foreign Nationals
- Level One SUBSAFE
- File Type
- CAGE Code
- Associated Weapons Systems Code
- Associated Part Numbers
- Associated NSN’s
- Revision Level
- Data Rights Code

CONCLUSION

- The MEDALS program is a logical and complementary fit with EIA-859
  - Establishing and maintaining an indexing account is easy
    - MEDALS infrastructure is in place and working, cost wise it is advantageous for the repository
  - MEDALS is a way to reduce infrastructure within a repository
    - The burden of fielding inquiries for the availability of digital images/technical data can be avoided through the use of MEDALS
  - MEDALS is flexible
    - MEDALS tables or Attributes can be established to fit with EIA-859 requirements

QUESTIONS